

Abstract

A method for calculation of the lateral force in a motor vehicle with an electromechanical or electrohydraulic steering system is disclosed. The method comprises the following steps: firstly a steering rod force is detected, from which a total restoring torque is calculated. The total restoring torque comprises restoring torques generated by different forces acting on the wheels. The restoring torques include a restoring torque generated by lateral force and other restoring torques. The other restoring torques are quantitatively determined on the basis of measured values and subtracted from the total restoring torque, in order to determine the restoring torque generated by lateral force. Finally, the lateral force is determined from the restoring torque generated by the lateral force.